

PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of) Anticipated
) Group Art Unit: 2779
TOMOKO TERAOKA ET AL.)
) Anticipated
Rule 53(b) Cont. of) Examiner: W. SAJOUS
Appln. No. 09/114,390)
) PRELIMINARY AMENDMENT
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ELECTRIC APPARATUS)
SYSTEM, CONTROL)
METHOD OF AN ELECTRIC)
APPARATUS SYSTEM, AND)
TRANSMISSION MEDIUM)
_____)

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Dated: 12-29-00 By: Elizabeth A. Reicker
Name
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Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please preliminarily amend the above identified application as follows:

IN THE CLAIMS

Please cancel claims 1-32 without prejudice and add the following new claims:

--33. (New) A control device which controls, by transmitting a control signal, an electric apparatus that receives information transmitted via a transmission medium, comprising:

a transmitting unit for transmitting the control signal to the electric apparatus;

a receiver for receiving additional information that has been extracted from the received information and transmitted by the electric apparatus;

an output unit for outputting the additional information received by the receiver to a display device;

a memory for storing at least a portion of said additional information; and

an erasing unit for deleting said information stored in said memory;

wherein said electric apparatus includes an extraction unit and an electric apparatus transmitting unit, said electric apparatus transmitting unit for transmitting the additional information extracted by said extraction unit to said receiver.

34. (New) The device of claim 33, wherein the additional information is an EPG that is included in the information received by the electric apparatus.

35. (New) The device of claim 33, wherein the additional information is advertisement information that is included in the information received by the electric apparatus.

36. (New) The device of claim 35 wherein the advertisement information includes coupon information.

37. (New) The device of claim 35 wherein the advertisement information includes URL information.

38. (New) The device of claim 33, further comprising:

a selecting unit for selecting information from the additional information received by the receiver, wherein said memory is configured to store the information selected by the selection unit.

39. (New) The device of claim 33, further comprising:

a second storing unit for storing the additional information received by the receiver;

a second selecting unit for selecting information from the additional information stored in the second storing unit; and

a second transmitting unit for transmitting the information selected by the second selecting unit to a second electric apparatus.

40. (New) The device of claim 39 wherein the second electric apparatus is a recording apparatus, and wherein the recording apparatus performs a recording reservation based on the information transmitted from the control device.

41. (New) The device of claim 39 wherein the second electric apparatus is a personal computer, and wherein the personal computer accesses a server based on the information transmitted from the control device.

42. (New) The device of claim 33 further comprising a notifying unit for notifying a user of reception of the additional information when the receiver automatically receives the additional information.

43. (New) The device of claim 33 wherein the control device instructs the electric apparatus to transmit the additional information.

44. (New) The device of claim 33 further comprising notifying means for notifying a user of reception of the additional information when the receiving means receives the additional information that is transmitted in response to an instruction that was issued from the control device.

45. (New) The device of claim 33 wherein the output means outputs that part of the additional information which relates to a channel of current reception of the electric apparatus.

46. (New) The device of claim 33 wherein the output means outputs that part of the additional information which relates to information that will be received by the electric apparatus from a present time onward.

47. (New) A transmission medium for transmitting a computer program that is used in a control device which controls, by transmitting a control signal, an electric apparatus that receives information transmitted via a transmission medium, the computer program comprising the steps of:

transmitting the control signal to the electric apparatus;

receiving additional information that has been extracted from the received information and transmitted by the electric apparatus; and

outputting the additional information received in the receiving step to a display device;

storing at least a portion of said additional information; and

selectively deleting said information stored in said memory;

wherein said computer program further includes the steps of extracting said additional information and transmitting the additional information extracted at said extracting step for reception at said receiving step.

48. (New) A control method, comprising the steps of:

storing a computer program transmitted from the transmission medium, configured for transmitting said computer program that is used in a control device which controls, by transmitting a control signal, an electric apparatus that receives information transmitted via a transmission medium, the computer program including the steps of:

transmitting the control signal to the electric apparatus;

receiving additional information that has been extracted from the received information and transmitted by the electric apparatus; and

outputting the additional information received in the receiving step to a display device;

storing at least a portion of said additional information; and

selectively deleting said information stored in said memory;

and

performing a control by using the computer program;

wherein said computer program further includes the steps of extracting said additional information and transmitting the additional information extracted at said extracting step for reception at said receiving step.

49. (New) An electric apparatus which receives information that is transmitted via a transmission medium and performs an operation in accordance with a control signal that is transmitted from a control device, comprising:

a first receiving unit for receiving the control signal transmitted from the control device;

a controller for performing a control in accordance with the control signal received by the first receiving unit;

wherein the control device is configured to store said extracted additional information and selectively delete said extracted information.

- a second receiving step of receiving the information transmitted via the transmission medium;

extracting additional information from the information received in the second receiving step; and

transmitting the additional information extracted in the extracting step to the control device;

wherein the control device is configured to store said extracted additional information and selectively delete said extracted information.

54. (New) A transmission medium for transmitting a computer program used in an electric apparatus which receives information that is transmitted via a transmission medium and performs an operation in accordance with a control signal that is transmitted from a control device, the computer program comprising the steps of:

a first receiving step of receiving the control signal transmitted from the control device;

performing a control in accordance with the control signal received in the first receiving step;

a second receiving step of receiving the information transmitted via the transmission medium;

extracting additional information from the information received in the second receiving step; and

transmitting the additional information extracted in the extracting step to the control device;

wherein the control device is configured to store said extracted additional information and selectively delete said extracted information.

55. (New) A control method of an electric apparatus, comprising the steps of:

storing a computer program transmitted from a transmission medium, the transmission medium for transmitting said computer program used in an electric apparatus which receives information that is transmitted via a transmission medium and performs an operation in accordance with a control signal that is transmitted from a control device, the computer program including the steps of:

a first receiving step of receiving the control signal transmitted from the control device;

performing a control in accordance with the control signal received in the first receiving step;

a second receiving step of receiving the information transmitted via the transmission medium;

extracting additional information from the information received in the second receiving step; and

transmitting the additional information extracted in the extracting step to the control device; and

controlling the electric apparatus by using the computer program;

wherein the control device is configured to store said extracted additional information and selectively delete said extracted information.

56. (New) A control device which controls, by transmitting a control signal, an electric apparatus that receives information transmitted via a transmission medium, comprising:

transmitting means for transmitting the control signal to the electric apparatus;

receiving means for receiving additional information that has been extracted from the received information and transmitted by the electric apparatus;

output means for outputting the additional information received by the receiving means to a display device;

selecting means for selecting information from the additional information received by the receiving means; and

detachable storing means for storing the information selected by the selecting means;

wherein the detachable storing means is an IC card;

wherein said electric apparatus includes extraction means and an electric apparatus transmitting means, said electric apparatus transmitting means for transmitting the additional information extracted by said extraction unit to said receiving means.

57. (New) The device of claim 56 wherein the additional information is an EPG that is included in the information received by the electric apparatus.

58. (New) The device of claim 56 wherein the additional information is advertisement information that is included in the information received by the electric apparatus.

59. (New) The device of claim 36 wherein the advertisement information includes coupon information.

60. (New) The device of claim 56 wherein the advertisement information includes URL information.

61. (New) The device of claim 56 further comprising erasing means for erasing the information stored in the detachable storing means.

62. (New) The device of claim 56 further comprising:

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second storing means for storing the additional information received by the receiving means;

second selecting means for selecting information from the additional information stored in the second storing means; and

second transmitting means for transmitting the information selected by the second selecting means to a second electric apparatus.

63. (New) The device of claim 62 wherein the second electric apparatus is a recording apparatus, and wherein the recording apparatus performs a recording reservation based on the information transmitted from the control device.

64. (New) The device of claim 62 wherein the second electric apparatus is a personal computer, and wherein the personal computer accesses a server based on the information transmitted from the control device.

65. (New) The device of claim 56 further comprising notifying means for notifying a user of reception of the additional information when the receiving means automatically receives the additional information.

66. (New) The device of claim 56 wherein the control device instructs the electric apparatus to transmit the additional information.

67. (New) The device of claim 56 further comprising notifying means for notifying a user of reception of the additional information when the receiving means receives the additional information that is transmitted in response to an instruction that was issued from the control device.

68. (New) The device of claim 56 wherein the output means outputs that part of the additional information which relates to a channel of current reception of the electric apparatus.

69. (New) The device of claim 56 wherein the output means outputs that part of the additional information which relates to information that will be received by the electric apparatus from a present time onward.

70. (New) A control device which controls, by transmitting a control signal, an electric apparatus that receives information transmitted via a transmission medium, comprising:

transmitting means for transmitting the control signal to the electric apparatus;

receiving means for receiving additional information that has been extracted from the received information and transmitted by the electric apparatus;

output means for outputting the additional information received by the receiving means to a display device;

selecting means for selecting information from the additional information received by the receiving means;

detachable storing means for storing the information selected by the selecting means; and

erasing means for erasing the information stored in the detachable storing means;

wherein said electric apparatus includes extraction means and an electric apparatus transmitting means, said electric apparatus transmitting means for transmitting the additional information extracted by said extraction unit to said receiving means.

71. (New) The device of claim 70 wherein the additional information is an EPG that is included in the information received by the electric apparatus.

72. (New) The device of claim 70 wherein the additional information is advertisement information that is included in the information received by the electric apparatus.

73. (New) The device of claim 72 wherein the advertisement information includes coupon information.

74. (New) The device of claim 72 wherein the advertisement information includes URL information.

75. (New) The device of claim 70 further comprising:
second storing means for storing the additional information received by the receiving means;
second selecting means for selecting information from the additional information stored in the second storing means; and
second transmitting means for transmitting the information selected by the second selecting means to a second electric apparatus.

76. (New) The device of claim 75 wherein the second electric apparatus is a recording apparatus, and wherein the recording apparatus performs a recording reservation based on the information transmitted from the control device.

77. (New) The device of claim 75 wherein the second electric apparatus is a personal computer, and wherein the personal computer accesses a server based on the information transmitted from the control device.

78. (New) The device of claim 70 further comprising notifying means for notifying a user of reception of the additional information when the receiving means automatically receives the additional information.

79. (New) The device of claim 70 wherein the control device instructs the electric apparatus to transmit the additional information.

80. (New) The device of claim 70 further comprising notifying means for notifying a user of reception of the additional information when the receiving means receives the additional information that is transmitted in response to an instruction that was issued from the control device.

81. (New) The device of claim 70 wherein the output means outputs that part of the additional information which relates to a channel of current reception of the electric apparatus.

82. (New) The device of claim 70 wherein the output means outputs that part of the additional information which relates to information that will be received by the electric apparatus from a present time onward.

83. (New) A control method for controlling, by transmitting a control signal, an electric apparatus that receives information transmitted via a transmission medium, comprising the steps of:

- transmitting the control signal to the electric apparatus;
- receiving additional information that has been extracted from the received information and transmitted by the electric apparatus;
- outputting the additional information received at said receiving step to a display device;

selecting information from the additional information received at said receiving step; and

storing the information selected at said selecting step;

wherein the step of storing includes the step of storing the selected information in an IC card; and further

wherein said receiving step includes the steps of extracting said additional information and transmitting the additional information extracted at said extracting step for reception at said receiving step.

84. (New) The method of claim 83 wherein the additional information is an EPG that is included in the information received by the electric apparatus.

85. (New) The method of claim 83 wherein the additional information is advertisement information that is included in the information received by the electric apparatus.

86. (New) The method of claim 85 wherein the advertisement information includes coupon information.

87. (New) The method of claim 85 wherein the advertisement information includes URL information.

88. (New) The method of claim 83 further including the step of erasing the information stored at said storing step.

89. (New) The method of claim 83 wherein the additional information is advertisement information that is included in the information received by the electric apparatus, and wherein the advertisement information is stored in a prescribed area at said storing step.

90. (New) The method of claim 83 further comprising the step of notifying a user of reception of the additional information when the additional information is automatically received at said receiving step.

91. (New) The method of claim 83 wherein the control device instructs the electric apparatus to transmit the additional information.

92. (New) The method of claim 83 further including the step of notifying a user of reception of the additional information when the additional information that is transmitted in response to an instruction that was issued from the control device is received at said receiving step.

93. (New) The method of claim 83 wherein the step of outputting includes the step of outputting that part of the additional information which relates to a channel of current reception of the electric apparatus.

94. (New) The method of claim 83 wherein the step of outputting includes the step of outputting that part of the additional information which relates to information that will be received by the electric apparatus from a present time onward.

95. (New) A method of controlling, by transmitting a control signal, an electric apparatus that receives information transmitted via a transmission medium, comprising the steps of:

transmitting the control signal to the electric apparatus;

receiving additional information that has been extracted from the received information and transmitted by the electric apparatus;

outputting the additional information received at said receiving step to a display device;

selecting information from the additional information received at said receiving step;

storing the information selected at said selecting step; and
erasing the information stored at said storing step;

wherein said receiving step includes the steps of extracting said additional information and transmitting the additional information extracted at said extracting step for reception at said receiving step.

96. (New) The method of claim 95 wherein the additional information is an EPG that is included in the information received by the electric apparatus.

97. (New) The method of claim 95 wherein the additional information is advertisement information that is included in the information received by the electric apparatus.

98. (New) The method of claim 97 wherein the advertisement information includes coupon information.

99. (New) The method of claim 97 wherein the advertisement information includes URL information.

100. (New) The method of claim 95 wherein the additional information is advertisement information that is included in the information received by the electric apparatus, and wherein the advertisement information is stored in a prescribed area at said storing step.

101. (New) The method of claim 95 further including the steps of:
a second storing step for storing the additional information received at said receiving step;

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a second selecting step for selecting information from the additional information stored at said second storing step; and

a second transmitting step for transmitting the information selected at said second selecting step to a second electric apparatus.

102. (New) The method of claim 101 wherein the second electric apparatus is a recording apparatus, and wherein the recording apparatus performs a recording reservation based on the information transmitted from the control device.

103. (New) The method of claim 101 wherein the second electric apparatus is a personal computer, and wherein the personal computer accesses a server based on the information transmitted from the control device.

104. (New) The method of claim 95 further comprising the step of notifying a user of reception of the additional information when the additional information is automatically received at said receiving step.

105. (New) The method of claim 95 wherein the control device instructs the electric apparatus to transmit the additional information.

106. (New) The method of claim 95 further including the step of notifying a user of reception of the additional information when the additional information that is transmitted in response to an instruction that was issued from the control device is received at said receiving step.

107. (New) The method of claim 95 wherein the step of outputting includes the step of outputting that part of the additional information which relates to a channel of current reception of the electric apparatus.

108. (New) The method of claim 95 wherein the step of outputting includes the step of outputting that part of the additional information which relates to information that will be received by the electric apparatus from a present time onward.--

REMARKS

Reconsideration is respectfully requested. Claims 33-108 are pending. Claims 33-108 are substantially directed to the cancelled claims 1-13, 20-29, 31, 33-38, 40-52, 54-61, 92-96, 98-99, and 103-121 of the parent application no. 09/114,390 which were cancelled without prejudice in the parent application to expedite the issuance of the parent application. Additionally, as can be seen, the newly added independent claims are amended to further distinguish the claimed invention from the cited references in the parent application.

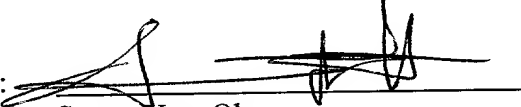
In view of the foregoing, Applicants respectfully submit that all pending claims are allowable.

For the foregoing reasons it is submitted that all of the claims are now in condition for allowance and the Examiner's early re-examination and reconsideration are respectfully requested.

Respectfully submitted,

LIMBACH & LIMBACH L.L.P.

By:


Seong-Kun Oh
Recognition under 37 CFR §10.9(b)

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